

CLAIMS

1. A method of remote monitoring supervisory information about maintenance of a hinge, for the hinge that rotatably supports an opening and closing member with a fixed member of an instrument or the like, the method comprising the steps of: detecting supervisory information about maintenance of the hinge; transmitting the detected supervisory information to a maintenance management server through a communication network such as the Internet; and executing a maintenance management of the hinge by the maintenance management server based on the supervisory information.

2. The method of remote monitoring supervisory information about maintenance of a hinge according to claim 1, wherein the supervisory information about maintenance is at least one piece of information selected from among abnormal sound, an opening or closing number, a temperature, and torque of the hinge.

3. The method of remote monitoring supervisory information about maintenance of a hinge according to claim 1 or 2, wherein an abnormality of a hinge is detected based on the maintenance management.

4. The method of remote monitoring supervisory information about maintenance of a hinge according to claim 1 or 2, wherein an inspection and repair time is forecast based on the maintenance management.

5. A remote monitoring device that monitors supervisory information about maintenance of a hinge, for the hinge that

rotatably supports an opening and closing member with a fixed member of an instrument or the like, the device comprising: a unit that detects supervisory information about maintenance of the hinge; a unit that transmits the supervisory information detected by the detecting unit to a communication network such as the Internet; and a maintenance management server that is connected to the communication network to obtain the supervisory information and execute a maintenance management of the hinge.

6. The remote monitoring device according to claim 5, wherein the detecting unit obtains at least one piece of information selected from among abnormal sound, an opening or closing number, a temperature, and torque of the hinge.